

(a) making a cross between a soybean variety with increased oleic acid content or reduced linolenic acid content with a plant containing the chimeric gene of Claim 43;

(b) growing fertile plants from seeds obtained from the cross; and

(c) screening progeny seeds from the fertile plants of step (b) for seeds containing reduced polyunsaturated fatty acids.

55. A method for reducing saturated fatty acids in soybean seeds comprising:

(a) making a cross between a soybean variety with increased oleic acid content with a plant containing the chimeric gene of Claim 37;

(b) growing fertile plants from seeds obtained from the cross; and

(c) screening progeny seeds from the fertile plants of step (b) for seeds containing reduced saturated fatty acids.

56. A method for reducing saturated fatty acids in soybean seeds comprising:

(a) making a cross between a soybean variety with increased oleic acid content with a plant containing the chimeric gene of Claim 43;

(b) growing fertile plants from seeds obtained from the cross; and

(c) screening progeny seeds from the fertile plants of step (b) for seeds containing reduced saturated fatty acids.

57. Oil obtained from the seeds of a soybean plant having an oleic acid content of at least 75%.

58. Oil obtained from the seeds of a soybean plant having an oleic acid content of at least 70% and a linoleic acid content less than 14%.

59. The oil of Claim 58 in which the linoleic acid content is less than 10%.--

In the Specification

Kindly amend the specification by adding after the title at line 3:

--This is a divisional of application number 09/133,962, pending, filed August 14, 1998, which is a continuation of application number 08/262,401, filed June 20, 1994, now abandoned, which was a national filing continuation-in-part of PCT/US93/09987, filed October 15, 1993, which was a continuation-in-part of 07/977,339, filed November 17, 1992, now abandoned.--